

SENIOR ELECTRICAL TECHNICIAN

GENERAL DEFINITION OF WORK:

FLSA Status: Non-Exempt

Performs difficult skilled work in the maintenance, repair and installation of electrical equipment; does related work as required. Work is performed under minimal supervision. Supervision may be exercised over subordinate personnel.

ESSENTIAL FUNCTIONS/TYPICAL TASKS:

Troubleshooting, repairing, installing and maintaining electric equipment; maintaining records and files; preparing reports.

(These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.)

- Makes repairs to facility systems; performs preventive maintenance; makes routine inspections of systems; troubleshoots electrical systems.
- Prioritizes, schedules, and completes work orders; orders maintenance parts; records the use of parts for inventory and budgetary purposes; writes specifications for materials; reads drawings and blue prints.
- Diagnoses, repairs, replaces, adjusts, and installs, and monitors electrical equipment/systems.
- Plans and performs new installations, (panels, circuits, and fixtures).
- Maintains, repairs, troubleshoots and installs a variety of electrical components including plugs, lights, motors, generators, traffic lights, well and sewer pumps.
- Programs and repairs school zoning signals
- Coordinates generator inspections; troubleshoots and repairs generators.
- Repair broken existing underground lines and installs new underground lines.
- Diagnoses problems for subordinates.
- Locates and marks county owned underground utilities.
- Assists other trades such as required.
- May be required to work outside normal work hours in on-call or emergency situations.
- Performs related tasks as required.

KNOWLEDGE, SKILLS AND ABILITIES:

Thorough knowledge of the common practices, tools and terminology of the electrical trade to which assigned; thorough knowledge of applicable electrical codes; thorough knowledge of the hazards and safety precautions associated with the trade; skill in the use of tools and equipment; ability to work from sketches, drawings, plans or specifications; ability to follow oral and written instructions; ability to estimate needed materials and time required for various jobs; ability to establish and maintain effective working relationships with associates.

EDUCATION AND EXPERIENCE:

Any combination of education and experience equivalent to graduation from high school and considerable experience in electrical trade.

PHYSICAL REQUIREMENTS:

This is medium work requiring the exertion of 50 pounds of force occasionally, up to 20 pounds of force frequently, and up to 10 pounds of force constantly to move objects, and some heavy work requiring the exertion of 100 pounds of force occasionally, up to 50 pounds of force frequently, and up to 20 pounds of force constantly to move objects; work requires climbing, balancing, stooping, kneeling, crouching, reaching, standing, walking, pushing, pulling, lifting, fingering, grasping, and repetitive motions; vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoken word levels; visual acuity is required for depth perception, color perception, visual inspection involving small defects and/or small parts, use of measuring devices, operation of machines, operation of motor vehicles or equipment, determining the accuracy and thoroughness of work, and observing general surroundings and activities; the worker is subject to inside and outside environmental conditions, extreme cold, extreme heat, noise, vibration, hazards, atmospheric conditions, and oils.

SPECIAL REQUIREMENTS:

May require possession of or ability to acquire an appropriate driver's license valid in the Commonwealth of Virginia. May require Master Electrical license.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential tasks.